

## PRESS RELEASE

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### **Pomini Tenova Roll Grinders and Pomini Digital Texturing™ (PDT™) for Aluminum Dynamics LCC, US**

**A new project awarded to Tenova confirms Pomini's role as a worldwide leader in roll grinders for the aluminum industry.**

**Castellanza, January 30, 2023 – Aluminum Dynamics LLC, a Steel Dynamics Inc. joint venture, awarded Tenova, a leading developer and provider of sustainable solutions for the green transition of the metals industry, a new contract for its aluminum flat rolling mill located in Columbus, Mississippi, US.** The contract is for the design and supply of technologies offered by **Pomini Tenova**, a well-known brand of Tenova and a worldwide leader in the production of roll grinders.

The scope of works includes two **foundationless combination roll grinders, two foundationless work and intermediate roll grinders**, and one **Pomini Digital Texturing™ machine (PDT™)** equipped with four laser heads for texturing of cold mill work rolls. Tenova will also provide a **roll shop management system** for the management of the roll shop production data, which is interfaced with the Pomini roll grinders and Aluminum Dynamics' level two and business management software.

The roll grinders are equipped with an advanced set of automated devices, including the new **Pomini Digital Surface Analysis (PDSA)**, the automatic roll demagnetizer, the on-line automatic roughness measurement, as well as a full range of Non-Destructive Testing (NDT) devices for roll inspection. Moreover, the use of the PDSA in conjunction with **Pomini Inspektor3**, in its complete configuration, guarantees the surface quality of the roll and its internal structural integrity.

In addition, the adoption of foundationless technology for roll grinders will allow for a simplified construction process and efficient installation in the roll shop.

*"We are excited to work with Tenova on this project. Partnering with a leader in this space, their focus on decarbonization, and high-quality equipment drove this crucial decision,"* said **Glenn Pushis**, President of Aluminium Dynamics LCC.

*"The selection of PDT™ to address the higher requirements of product quality for automotive and appliances production is perfectly aligned with the Client's focus on decarbonization,"* – stated **Petar Rokic**, Sales Area Manager at Pomini Tenova. *"This equipment – an advanced fiber-laser based technology - substantially reduces the energy utilization when comparing it with the previous processes based on electro-discharge. Furthermore, the choice of PDT™, the first EPD-certified technology, will allow Aluminum Dynamics LLC to establish in-house a clean, lean and safe ownership and control of their roll texturing technology and expertise development".*

This contract continues a long stream of projects awarded to Pomini Tenova in recent times by different producers in the aluminum industry in US, Europe, and Asia.

**About Steel Dynamics, Inc.**

*Steel Dynamics is one of the largest domestic steel producers and metals recyclers in the United States, based on estimated annual steelmaking and metals recycling capability, with facilities located throughout the United States, and in Mexico. Steel Dynamics produces steel products, including hot roll, cold roll, and coated sheet steel, structural steel beams and shapes, rail, engineered special-bar-quality steel, cold finished steel, merchant bar products, specialty steel sections and steel joists and deck. In addition, the company produces liquid pig iron and processes and sells ferrous and nonferrous scrap.*

**About Tenova**

*Tenova, a Techint Group company, is a worldwide partner for sustainable, innovative and reliable solutions in the metals and – also through the well-known TAKRAF and DELKOR brands – in the mining industries. Tenova leverages a workforce of over 2,200 forward-thinking professionals located in 19 countries across 5 continents, who design technologies and develop services that help companies reduce costs, save energy, limit environmental impact and improve working conditions.*

For more information, visit [www.tenova.com](http://www.tenova.com)